

1R - 427-285

REPORTS

DATE:

7-22-08

**EME Conoco Skaggs B-12**

**1R427-285**

RECEIVED  
MAR 23 2000  
Environmental  
Oil Conservation

# **DISCLOSURE**

**RICE OPERATING COMPANY  
JUNCTION BOX DISCLOSURE\* REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice Monument Eumont (EME)	Conoco Skaggs B-12	C	12	20S	37E	Lea	moved 50 ft. west		

LAND TYPE: BLM X STATE \_\_\_\_\_ FEE LANDOWNER \_\_\_\_\_ OTHER \_\_\_\_\_

Depth to Groundwater 60 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 11/12/2006 Date Completed 12/21/2006 OCD Witness no

Soil Excavated 400.0 cubic yards Excavation Length 30 Width 30 Depth 12 feet

Soil Disposed 60 cubic yards Offsite Facility Sundance Location Eunice, NM

**FINAL ANALYTICAL RESULTS:** Sample Date 11/21/2006, 12/15/2006 Sample Depth 12 ft.

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	0.1	<10.0	<10.0	1700
BOTTOM COMP.	0.4	<10.0	<10.0	2860
BACKFILL	0.3	<10.0	<10.0	2430
SOIL BORING 20' GRAB	0.0	<10.0	<10.0	5090

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	1278
bottom comp.	12'	2167
backfill comp.	n/a	1756
soil boring 20 ft. south of the source 12/15/2006	5'	639
	10'	600
	15'	1426
	20'	4573
	25'	1829
	30'	1269

General Description of Remedial Action: This junction was addressed under the pipeline replacement/upgrade plan. A new, water tight box was built 50 ft west of the former. After the former box was removed an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 30x30x12-ft-deep hole.

Each soil sample was field tested for chloride concentrations resulting in elevated chloride levels. Organic vapors were measured using a PID, which yielded low concentrations. A clay barrier was then installed around the former junction box site. To further investigate the depth of chloride presence, a soil boring was initiated on 12/15/2006 at 20 ft south of the source. Soil samples were collected every 5 ft and tested for chloride concentrations also resulting in elevated chloride levels. The entire borehole was plugged with bentonite to the ground surface. Representative composite samples, as well as a 20 ft grab sample was sent to a commercial laboratory for analysis. 60 cubic yards of excavated soil was taken to a disposal facility. 103 cubic yards of clean, imported soil was blended with backfill and returned to the excavation and contoured to the surrounding area. On 12/22/2006, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. NMOCD was notified of potential groundwater impact on 7/17/2008.

**ADDITIONAL EVALUATION IS HIGH PRIORITY**

enclosures: photos, cross-section, bore log, lab results, chloride graph

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Melanie Franks SIGNATURE \_\_\_\_\_ not available \_\_\_\_\_ COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 7-22-08

\*This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.

# EME Conoco Skaggs B-12

Unit C, Section 12, T20S, R37E



undisturbed junction box, facing north

2/01/2005



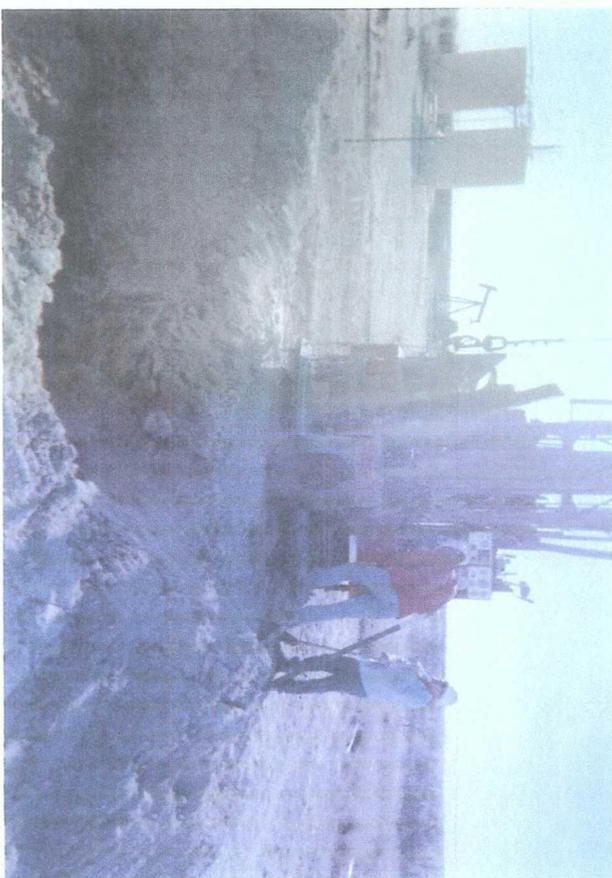
excavation site ready for clay, facing west

12/15/2006



taking vertical sample

11/13/2006



soil bore

2/15/2006

# EME Conoco Skaggs B-12

Unit C, Section 12, T20S, R37E



backfilling of excavation site

12/20/2006



seeding backfilled site, facing west

12/22/2006



clay marker

12/26/2006



site complete with new, water tight box in foreground and clay marker in background, facing east

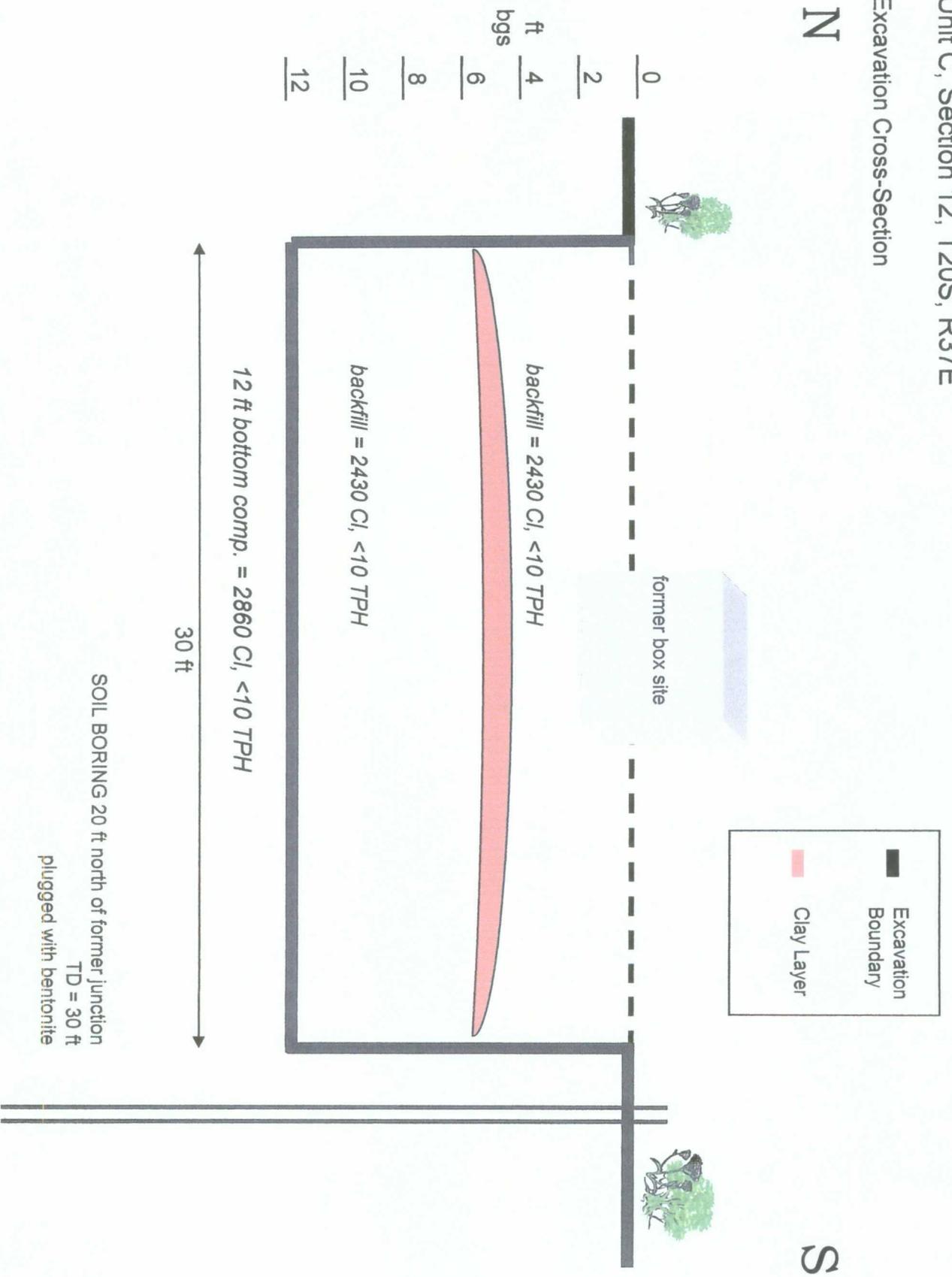
12/26/2006

**EME Conoco Skaggs B-12**  
Unit C, Section 12, T20S, R37E

Excavation Cross-Section

N

S







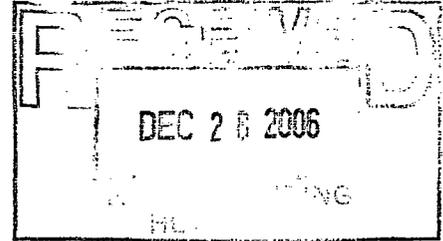
# ARDINAL LABORATORIES

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

# COPY

ANALYTICAL RESULTS FOR  
RICE OPERATING CO.  
ATTN: KRISTIN FARRIS-POPE  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO: (505) 397-1471



Receiving Date: 12/19/06  
Reporting Date: 12/21/06  
Project Number: NOT GIVEN  
Project Name: EME CONOCO SKAGGS B-12 PUMP  
STATION  
Project Location: NOT GIVEN

Sampling Date: 12/15/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: BC/AB

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		12/19/06	12/19/06	12/19/06
H11915-1	SB 1 @ 20' BGS	<10.0	<10.0	5090
Quality Control		817	808	500
True Value QC		800	800	500
% Recovery		102	101	100
Relative Percent Difference		1.7	1.2	0.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI/B

\*Analysis performed on a 1:4 w:v aqueous extract.

Bryan A. Cole  
Chemist

12/21/06  
Date

H11915

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COPY

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

Company Name: Rice Operating Co.  
 Project Manager: Kristin-Farris Pope  
 Address: 192 W Taylor  
 City: Hobbs State: NM Zip: 88240  
 Phone #: 505-393-9174 Fax #: 397-1471  
 Project #: Project Owner:  
 Project Name: ENE Conoco Skaggs B-12 Pumpstation  
 Project Location: Millane Shanks  
 Sampler Name: Millane Shanks  
 Lab I.D. Sample I.D.  
 41915-1 SB1 @ 20' bgs  
 (GRAB OR (C)OMP. CONTAINERS  
 MATRIX: GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:  
 DATE: 12-15-06 TIME: 10:30  
 X Chlorides  
 X TPH 8015  
 Date: 12/19/06 Time: 9:35  
 Received By: [Signature]  
 Sample Condition: Intact? [X] Yes [ ] No  
 Checked By: [Signature]  
 Delivered By: (Circle One) UPS - Bus - Other: [X] UPS [ ] Bus [ ] Other  
 Phone Result: [ ] Yes [ ] No  
 Fax Result: [ ] Yes [ ] No  
 REMARKS: Email results to mfranks@riceusa.com  
 1 x CT soil 125 - 225  
 1 x 8015 x 90 - 90  
 205 W

\* Cardinal cannot accept verbal changes. Please fax written changes to (505) 673-7020.

PLEASE NOTE: Lumber and Unsmoked Cigarrolls (CIGARETTES) are not allowed in containers used for collection of soil, water or air. The amount paid for the chain of custody is based on the weight of the samples. All items should be placed in a clean, dry container. Do not use plastic bags for collection of soil, water or air. The amount paid for the chain of custody is based on the weight of the samples. It is the responsibility of the customer to ensure that the samples are properly sealed and labeled. Do not use plastic bags for collection of soil, water or air. The amount paid for the chain of custody is based on the weight of the samples. Do not use plastic bags for collection of soil, water or air. The amount paid for the chain of custody is based on the weight of the samples.

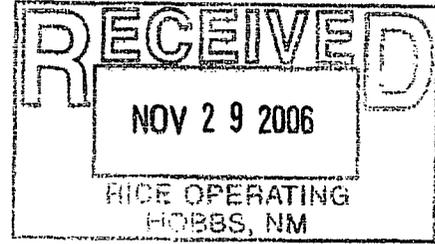


**ARDINAL  
LABORATORIES**

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
RICE OPERATING CO.  
ATTN: ROY R. RASCON  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO: (505) 397-1471



Receiving Date: 11/21/06  
Reporting Date: 11/22/06  
Project Number: NOT GIVEN  
Project Name: EME CONOCO SKAGGS B-12 PUMP STA.  
Project Location: NOT GIVEN

Sampling Date: 11/21/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: BC/HM

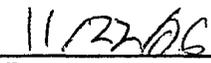
**COPY**

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	CI* (mg/Kg)
	ANALYSIS DATE	11/22/06	11/22/06	11/22/06
H11827-1	BTTM COMP	<10.0	<10.0	2860
H11827-2	4 WALL COMP	<10.0	<10.0	1700
H11827-3	8 PT. BLENDED BACKFILL COMP.	<10.0	<10.0	2430
	Quality Control	738	737	490
	True Value QC	800	800	500
	% Recovery	92.2	92.1	98.0
	Relative Percent Difference	1.5	1.6	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-C1B

\*Analyses performed on 1:4 w:v aqueous extracts.

  
Chemist

  
Date

H11827

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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(325) 673-7001 Fax (325) 673-7020 (505) 393-2326 Fax (505) 393-2476

**COPY**

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>King Dewatering Company</u>		P.O. #:		BILL TO		ANALYSIS REQUEST																				
Project Manager: <u>Ray K. Pearson</u>		Company:																								
Address: <u>122 W. Taylor</u>		Address:																								
City: <u>Hobbs</u>		City:																								
State: <u>NM</u> Zip: <u>88240</u>		State:																								
Phone #: <u>(505) 393-9174</u> Fax #: <u>(505) 397-1471</u>		Phone #:																								
Project #: <u>                    </u>		Project Owner:																								
Project Name: <u>Eme Conoco Skaggs B-12 pump station</u>		State:																								
Project Location:		City:																								
Sampler Name: <u>Melone Franks</u>		Phone #:																								
FOR LAB USE ONLY		Fax #:																								
Lab I.D.		Sample I.D.																								
<table border="1"> <tr> <th rowspan="2">Lab I.D.</th> <th rowspan="2">Sample I.D.</th> <th rowspan="2">(G)RAB OR (C)OMP.</th> <th rowspan="2"># CONTAINERS</th> <th colspan="6">MATRIX</th> <th rowspan="2">DATE</th> <th rowspan="2">TIME</th> <th rowspan="2">ANALYSIS REQUEST</th> </tr> <tr> <th>GROUNDWATER</th> <th>WASTEWATER</th> <th>SOIL</th> <th>OIL</th> <th>SLUDGE</th> <th>OTHER :</th> </tr> </table>		Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						
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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 2% per annum from the original date of invoice, and all cost of collections, including attorney's fees.

Sampler Relinquished: Melone Franks

Date: 11/21/06 Time: 4:36

Received By: Burley

Delivered By: (Circle One) UPS - Bus - Other:

Phone Result:  Yes  No

Fax Result:  Yes  No

REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

**EMF Conoco Skaggs B-12**

unit 'C', Sec. 12, T20S, R37E

Soil bore samples 20 ft south of source

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
5	639
10	600
15	1426
20	4573
25	1829
30	1269

Groundwater = 60 ft

